



17231 U.S. PTO

COMMISSIONER FOR PATENTS
Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT APPLICATION
Date: November 26, 2003
File No. 2309.68767

Sir:

Transmitted herewith for filing is the patent application of
Inventor(s): Zhang et al.

I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

For: SPIN VALVE HEAD AND MAGNETIC
RECORDING DEVICE USING THE SAME

11-26-03
Date

Dail Owen
Express Mail Label No.: EV03273555US

Enclosed are:

- (X) 16 pages of specification, including 18 claims and an abstract.
- () an executed oath or declaration, with power of attorney.
- (X) an unexecuted oath or declaration, with power of attorney.
- () sheet(s) of informal drawing(s).
- (X) 3 sheet(s) of formal drawings(s).
- () Assignment(s) of the invention to and Assignment Cover Sheet.
- () A check in the amount of \$ to cover the fee for recording the assignment(s).
- (X) Information Disclosure Statement, Form PTO-1449 and cited references.
- (X) Claim for Priority and Priority Document.



Fee Calculation For Claims As Filed

a) Basic Fee							\$ 770.00
b) Independent Claims	<u> 2 </u>	-	<u> 3 </u>	=	<u> 0 </u>	x \$ 86.00	= \$ <u> </u>
c) Total Claims	<u> 18 </u>	-	<u> 20 </u>	=	<u> 0 </u>	x \$ 18.00	= \$ <u> </u>
d) Fee for Multiple Dependent Claims						\$ 290.00	= \$ <u> </u>
						Total Filing Fee	\$ <u>770.00</u>

- () Applicant(s) qualifies as a Small Entity, reducing Filing Fee by half to \$
- () A check in the amount of \$ to cover the filing fee is enclosed.

~~() The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069.~~
~~A duplicate copy of this sheet is enclosed.~~

Respectfully submitted,

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